

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/009176

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N5/76

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04N H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/064369 A1 (FURREY ET AL) 30 May 2002 (2002-05-30)	1,2,9, 10,14, 15,22,23
Y	paragraph '0007! paragraph '0014! paragraph '0029! paragraph '0037! paragraph '0042! - paragraph '0048! figures 1-3 ----- -/-	1,5-8, 12-14, 18-21

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

30 July 2004

Date of mailing of the International search report

09/08/2004

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INT E

In **PCT**

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>EP 1 148 729 A (THOMSON MULTIMEDIA SA) 24 October 2001 (2001-10-24)</p> <p>paragraph '0001! - paragraph '0009! paragraph '0016! - paragraph '0025! paragraph '0094! - paragraph '0125! figures 1-4</p> <p>-----</p>	<p>1,5-8, 12-14, 18-21</p>
A	<p>US 5 982 830 A (MATURI ET AL) 9 November 1999 (1999-11-09)</p> <p>abstract column 1, line 12 - line 16 column 2, line 46 - column 4, line 16 column 4, line 42 - line 65 column 7, line 21 - line 46 column 8, line 9 - line 28 figures 1,4</p> <p>-----</p>	<p>1,2,4-7, 9,10,12, 14,15, 17-23</p>
A	<p>EP 1 289 306 A (ST MICROELECTRONICS INC) 5 March 2003 (2003-03-05)</p> <p>paragraph '0037! - paragraph '0043! paragraph '0052! - paragraph '0063! figure 7</p> <p>-----</p>	<p>1,2,5-7, 12,14, 15,18,20</p>
A	<p>US 5 565 921 A (FUKUDA ET AL) 15 October 1996 (1996-10-15)</p> <p>column 5, line 33 - line 60 column 7, line 25 - column 8, line 60 column 9, line 7 - line 40 column 21, line 46 - column 22, line 37 figures 1,2</p> <p>-----</p>	<p>1,2,5, 14,15, 18-21</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/US2004/009176

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002064369	A1	30-05-2002	NONE	
EP 1148729	A	24-10-2001	EP 1148727 A1	24-10-2001
			EP 1148729 A1	24-10-2001
			AU 1384401 A	10-05-2001
			AU 7786800 A	10-05-2001
			BR 0101303 A	06-11-2001
			CN 1378747 T	06-11-2002
			CN 1378748 T	06-11-2002
			CN 1321045 A	07-11-2001
			WO 0126374 A1	12-04-2001
			WO 0126375 A1	12-04-2001
			EP 1148728 A1	24-10-2001
			EP 1222822 A2	17-07-2002
			EP 1224810 A1	24-07-2002
			HU 0101405 A2	29-07-2002
			JP 2002057985 A	22-02-2002
			JP 2003511810 T	25-03-2003
			JP 2003511918 T	25-03-2003
			TW 510129 B	11-11-2002
			US 2001040925 A1	15-11-2001
			ZA 200102267 A	19-09-2001
US 5982830	A	09-11-1999	US 5621772 A	15-04-1997
EP 1289306	A	05-03-2003	US 2003043924 A1	06-03-2003
			EP 1289306 A2	05-03-2003
			JP 2003179879 A	27-06-2003
US 5565921	A	15-10-1996	JP 6268997 A	22-09-1994
			JP 6311499 A	04-11-1994
			JP 7203443 A	04-08-1995
			JP 7203458 A	04-08-1995